

# TYPE SPECIMENS IN THE MACLEAY MUSEUM, UNIVERSITY OF SYDNEY

## II. AMPHIBIANS AND REPTILES

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### *Synopsis*

The existing amphibian and reptilian type specimens in the Macleay Museum are listed by families in current phylogenetic order.

### INTRODUCTION

The Macleay Museum at the University of Sydney contains a comprehensive zoological collection including a number of Australian type specimens. Lists of insect types (Hahn, 1962) and fish types (Stanbury, 1968) have been published. Further lists are being compiled. This paper lists the existing amphibian and reptilian type specimens in the Macleay Museum and their current taxonomic status. In all 7 amphibian and 58 reptilian types are catalogued.

The majority of the amphibian and reptilian types were collected on the "Chevert" expedition led by William Macleay to coastal north Queensland, Torres Straits and the southern coast of New Guinea in 1875 (Macmillan, 1957). All these were named and described by Macleay (1877*a, b, c, d*). Other type material was collected for Macleay by collectors in Australia, but since his death few types have been lodged in the Museum.

Several Macleay types appear to have been lost. The Museum has had a varied history (Anderson, 1965) with changes in location during which some specimens were presumably misplaced. In addition there have been periods without adequate curatorship when some types, particularly the geckos, dried out. As a result, some of the species described by Macleay have had to be ignored in subsequent taxonomic studies, particularly as his original descriptions now seem inadequate to define the species.

The types are stored in glass jars in 70% alcohol. The Macleay Museum Register numbers (R numbers) were entered in 1965 by the previous curator, Mrs. J. Anderson. These numbers were combined with the numbers given to some, but not all, specimens by S. J. Copland in 1945. Copland numbers have been given the prefix MR and where applicable they appear after the present R numbers in the list of type specimens.

### AMPHIBIAN TYPES

From the collection of the "Chevert" expedition, Macleay (1877*d*) described five new species of frogs, of which two are lodged in the Macleay Museum, two in the Queensland Museum, and one, *Litoria dorsalis*, appears to have been lost. Neither Boulenger (1882) nor Fry (1913) were able to classify this species on the basis of Macleay's description. Apart from Macleay's specimens, five other amphibian types are lodged in the Museum.

## REPTILIAN TYPES

## ORDER SQUAMATA

Fam. *Scincidae*. Of the 19 scincid type specimens in the Museum, the majority were collected on the "Chevert" expedition (Macleay 1877b), and many still stand as holotypes. However, some of the material could not be identified further than genus and status of such specimens is doubtful. Three species described by Macleay could not be located in the collection. The missing types are *Heteropus bicarinatus* (1877b), *Tetradactylus guttulatus* (1885) and *Hinulia picta* (1885). Of these, the first is of the most importance, as it stands as the holotype of *Leioliopisma bicarinata* (Macleay) (see Loveridge, 1934). *Tetradactylus guttulatus* was ascribed to the genus *Lygosoma* by Boulenger (1887), and *Hinulia picta* was synonymized with *Tiliqua gerrardii* (Gray) by Mitchell (1950).

Fam. *Gekkonidae*. The gekkonid series in the Museum includes 10 types described by Macleay (1877c), only one of which, *Peripia dubia*, is missing. These types were examined in detail by Kluge (1963), who clarified their systematic status as follows:

*Diplodactylus annulatus* = ? *Phyllodactylus annulatus* (Macleay) R487-488  
*Peripia papuensis* = *Hemidactylus frenatus* Dumeril and Bibron R480-481  
*Peripia ornata* = *Lepidodactylus lugubris* (Dumeril and Bibron) R484-485  
*Peripia longicaudis* = *Gehyra variegata* (Dumeril and Bibron) R482  
*Peripia dubia* *Gehyra variegata* (Dumeril and Bibron) Not present  
*Peripia marmorata* = *Gehyra baliola* (Dumeril) R477  
*Peripia brevicaudis* = *Gehyra baliola* (Dumeril) R475  
*Heteronota fasciata* = *Cyrtodactylus pelagicus* (Girard) R176  
*Heteronota marmorata* = *Cyrtodactylus pelagicus* (Girard) R178, 181-183  
*Heteronota eboracensis* = *Cyrtodactylus pelagicus* (Girard) R207.

Fam. *Agamidae*. Five new agamid species were described by Macleay (1877c, 1883), but only three types are still present in the Museum. Of the two missing, one, *Grammatophora jugularis* (1877c), cannot be placed further than the genus *Amphibolurus* (Boulenger 1885), and the other, *Tiaris longii* (1877c), has been placed in synonymy with *Gonyocephalus godeffroyi* (Boulenger 1885).

## ORDER SERPENTES

Fam. *Colubridae*. Nine new colubrid snakes were collected on the "Chevert" expedition (Macleay 1877a) and are all present in the Museum today. Six additional species described by Macleay (1875, 1877e, 1883, 1884, 1888) are also listed. However, three of Macleay's types are missing; viz. *Tropidonotus ater* (1885), *Fordonia variabilis* (1877e) and *Dendrophis olivacea* (1877e).

Fam. *Elapidae*. Two new species of elapids were collected on the "Chevert" expedition (Macleay 1877a). An additional eight type species (Macleay 1878, 1884, 1885, 1887, 1888) are present in the Museum.

## LIST OF TYPES

The types are listed by families in current phylogenetic order.

An asterisk in the locality column indicates that the specimen(s) was collected on the "Chevert" expedition.

References are given for the scientific name under which a type was originally described and for the present name.

AMPHIBIA Family	Name under which Described and Reference Proc. Linn. Soc. N.S.W.	Present Names and Reference	Type of Type, No. and Condition	Locality	M.M. Reg. No.
Leptodactylidae	<i>Philocryphus flavoguttatus</i> Fletcher, 1894. 8 : 233	<i>Helleiopus australiacus</i> (Shaw) Moore, 1961. Bull. Am. Mus. Nat. Hist., 121 : 179	Lectotype, 1 male, fair condition	Mt. Victoria, Blue Moun- tains, New South Wales	R49
	<i>Notes</i> : Moore (p. 183) : "I have never found a reference to the existence of the type <i>Rana australiacus</i> ", and it is therefore suggested that Fletcher's specimens stand as lectotype (R49) and allotype (R50)		Allotype, 1 female, fair condition	Thornleigh, Sydney, New South Wales	R50
	<i>Phanerotis fletcheri</i> Boulenger, 1890. 5 : 593	<i>Lechroidus fletcheri</i> (Boul- enger) Loveridge, 1935. Bull. Mus. Comp. Zool., 78 : 22	Cotype 1, good condition	Dunoon, Richmond River, New South Wales	R57
	<i>Notes</i> : Collected Fletcher				
	<i>Ranaaster convezisculus</i> Macleay, 1877. 2 : 136	<i>Limnodynastes convezisculus</i> (Macleay) Moore, 1961. Bull. Am. Mus. Nat. Hist., 121 : 354	Not present 1968	Katow (Binaturi River), New Guinea *	R145
	<i>Notes</i> : Moore (p. 354) : Holotype in Queensland Museum				
Hyllidae	<i>Litoria guttata</i> Macleay, 1877. 2 : 137	<i>Hyla infrafrenata infrafrenata</i> Günther Loveridge, 1948. Bull. Mus. Comp. Zool., 101 : 402	Type 1, poor condition	Katow (Binaturi River), New Guinea *	R144
	<i>Notes</i> : Moore (p. 354) : Holotype in Queensland Museum				
Microhylidae	<i>Hyalophobus rufescens</i> Macleay, 1877. 2 : 136	<i>Asterophrys rufescens</i> (Macleay) Loveridge, 1948. Bull. Mus. Comp. Zool. 101 : 416	Type 1, poor condition	Katow (Binaturi River), New Guinea *	R144
	<i>Austrochaperina robusta</i> Fry, 1912. Rec. Aust. Mus. p : 93	<i>Sphenophryne robusta</i> (Fry) Moore, 1961. Bull. Am. Mus. Nat. Hist., 121 : 333	Cotypes 6, good condition	Russell River, N. Queens- land	R53
	<i>Notes</i> : Holotype in Australian Museum				
	<i>Austrochaperina ornata</i> Fry, 1912. Rec. Aust. Mus., 9 : 91	<i>Cophixalus ornatus</i> (Fry) Loveridge, 1935. Bull. Mus. Comp. Zool., 78 : 55	Cotype 1, fair condition	Russell River, N. Queens- land	R54
	<i>Notes</i> : Holotype in Australian Museum				



Family	Name under which Described and Reference Proc. Linn. Soc. N.S.W.	Present Names and Reference	Type of Type, No. and Condition	Locality	M.M. Reg. No.
Microhylidae	<i>Chaperina punctata</i> van Kampen, 1913. Guinea. 9 : 643	<i>Sphenophryne macrorhyncha</i> (van Kampen) Loveridge, 1948. Bull. Mus. Comp. Zool., 101 : 421	Cotype 1, fair condition	Went Range, Dutch New Guinea 1050 m.	R56
	<i>Notes</i> : Collected on Dutch New Guinea expedition, October, 1909. This specimen was forwarded from the curators of the Amsterdam Museum in 1914				
Ranidae	<i>Hylarana nebulosa</i> Macleay, 1877. 2 : 137	<i>Rana daemeli</i> (Steindachner) Loveridge, 1948. Bull. Mus. Comp. Zool., 101 : 410	Not present, 1968	Cape York, N. Queensland	
	<i>Notes</i> : Moore (1961, p. 345) : Holotype in the Queensland Museum				
REPTILIA Scincidae	<i>Hinulia pardalis</i> Macleay, 1877. 2 : 63	<i>Sphenomorphus pardalis</i> <i>pardalis</i> (Macleay) Copland, 1945. Proc. Linn. Soc. N.S.W., 70 : 292	Type 1, fair condition	Barrow Island, N.E. Australia *	R93, MR21
	<i>Notes</i> : Copland gives a detailed redescription of this type, and discusses the distribution of the species and its taxonomic relationships				
	<i>Mocca nigricaudis</i> Macleay, 1877. 2 : 63	<i>Sphenomorphus nigricaudis</i> (Macleay) Copland, 1945. Proc. Linn. Soc. N.S.W., 70 : 299	Type series 5, fair to good condition	Darnley Island, Torres Straits *	R74, MR376-380
	<i>Notes</i> : Copland (1945) has redescribed Macleay material, and selected MR378 as the lectotype and MR376, 377, 379 and 380 as paratypes				
	<i>Hinulia spaldingi</i> Macleay, 1877. 2 : 63	<i>Sphenomorphus spaldingi</i> (Macleay) Loveridge, 1934. Bull. Mus. Comp. Zool., 77 : 346	Type series 4, good condition	Endeavour River, N. Queensland *	R82, MR418-421
	<i>Notes</i> : Boulenger (1887, p. 225) synonymized this species with <i>Lygosoma (Hinulia) lesuerii</i> Gray, although it obviously fits his description of the closely related species <i>Lygosoma (Hinulia) dorsale</i> Boulenger (p. 226). Loveridge (1934) placed Macleay's <i>Hinulia spaldingi</i> and <i>Lygosoma dorsale</i> Boulenger in synonymy as <i>Sphenomorphus spaldingi</i> (Macleay). Copland (1946) in his description of the Macleay specimens, selected MR419 as a lectotype and 418, 420, 421 as paratypes				
	<i>Hinulia papuensis</i> Macleay, 1877. 2 : 62	<i>Sphenomorphus megaspila papuensis</i> (Macleay) Loveridge, 1948. Bull. Mus. Comp. Zool., 101 : 346	Type 1, good condition	Katow (Binaturi River), New Guinea *	R66, MR383
	<i>Notes</i> : Boulenger (1887, p. 247) places this species as a ? synonym of <i>Lygosoma (Hinulia) jobiensis</i> Meyer. It fits Boulenger's description closely with the exception of the presence of 6 supraoculars against 5 in <i>L. jobiensis</i> . Boulenger also synonymizes <i>Hinulia megaspila</i> Gunther into <i>L. jobiensis</i> but Loveridge removes the former to the genus <i>Lygosoma</i> ( <i>Sphenomorphus</i> ) <i>megaspila megaspila</i> (Gunther) and places Macleay's <i>H. papuensis</i> as a second subspecies. Advancing the subgenus <i>Sphenomorphus</i> to generic level, the species now stands as <i>Sphenomorphus megaspilus papuensis</i> (Macleay)				

Family	Name under which Described and Reference Proc. Linn. Soc. N.S.W.	Present Names and Reference	Type of Type, No. and Condition	Locality	M.M. Reg. No.
Scincoidae	<i>Lygosoma ornatum</i> Macleay, 1877. 2: 64	? <i>Sphenomorphus crassicaudus</i> (A. Dumeril) Boulenger, 1887. Cat. Liz. Brit. Mus., 3: 325	Type 1, good condition	Endeavour River, N. Queensland*	R1012, MR367
	<i>Notes</i> : This species agreed with Boulenger's description of <i>Lygosoma (Homolepida) crassicauda</i> A. Dumeril. Loveridge (1934, p. 307) discusses <i>Omolepida crassicaudum</i> (A. Dumeril) (with no mention of Macleay's <i>Lygosoma ornatum</i> ), then in 1948 (p. 318) he lists it as <i>Lygosoma (Lygosoma) crassicauda</i> A. Dumeril. Mittleman (1952) lists the species as <i>Sphenomorphus crassicaudus</i> (A. Dumeril) but since both the last two papers do no more than list this species, it can only be suggested that <i>Lygosoma ornatum</i> Macleay stands as <i>Sphenomorphus crassicaudus</i> (A. Dumeril)				
	<i>Lygosoma fragile</i> Macleay, 1877. 2: 64	? <i>Sphenomorphus</i> ? sp.	Type 1, fair condition	Hall Sound, New Guinea*	R51, MR392
	<i>Notes</i> : Boulenger (1887, p. 209) ascribes this species only to the genus <i>Lygosoma</i> Gray. An attempt to identify this specimen from Boulenger's key only resulted in its classification to the subgenus <i>Himulia</i> (Gray), i.e. genus <i>Sphenomorphus</i> Fitzinger (Mittleman, 1952)				
	<i>Himulia atrocostata</i> Macleay, 1877. 2: 62	? <i>Sphenomorphus</i> ? sp.	Type 1, good condition	Katow (Binaturi River), New Guinea*	R91, MR381
	<i>Notes</i> : Boulenger (1887, p. 209) ascribes this species only to the genus <i>Lygosoma</i> Gray. As with <i>Lygosoma fragile</i> this species could not be identified further than the subgenus <i>Himulia</i> by Boulenger's key, i.e. genus <i>Sphenomorphus</i> Fitzinger (Mittleman, 1952)				
	<i>Mabouia irrorata</i> Macleay, 1877. 2: 66	<i>Emoia atrocostata irrorata</i> (Macleay) Loveridge, 1948. Bull. Mus. Comp. Zool., 101: 372	Type 1, good condition	Hall Sound, New Guinea*	R106, MR188
	<i>Mabouia marmorata</i> Macleay, 1877. 2: 65	<i>Emoia atrocostatum</i> (Lesson) Boulenger, 1887. Cat. Liz. Brit. Mus., 3: 295	Type 1, good condition	Long Island, Torres Straits*	R59, MR465
	<i>Notes</i> : Boulenger listed this species as a ? synonym of <i>Lygosoma (Emoia) atrocostatum</i> (Lesson) which was verified by examination of the Macleay specimen				
	<i>Euprepis simillimus</i> Macleay, 1877. 2: 69	<i>Emoia cyanogaster</i> (Lesson) Boulenger, 1887. Cat. Liz. Brit. Mus., 3: 292	Type series 3, good condition	Katow (Binaturi River), New Guinea*	R67-69, MR438-440
	<i>Notes</i> : Boulenger (1887, p. 292) lists this species as a synonym of <i>Lygosoma (Emoia) cyanogaster</i> (Lesson) and this was verified by comparison of Macleay's specimen with Boulenger's description. The specimens are smaller than Macleay's <i>Euprepis longicauda</i> , which also key to <i>L. cyanogaster</i> and are possibly juveniles				

Family	Name under which Described and Reference	Present Names and Reference	Type of Type, No. and Condition	Locality	M.M. Reg. No.	
Scincidae	<i>Euprepis longicaudis</i> Macleay, 1877. 2: 68	<i>Emoia cyanogaster</i> (Lesson)	Type series 5 fair condition	Darnley Island, Torres Straits *	R97, MR537-541	
	Notes: Boulenger (1887, p. 297) lists this species as a synonym of <i>Lygosoma (Emoia) nigrum</i> (Hornbrom and Jacquimot). However, from Boulenger's key and descriptions, <i>Euprepis longicaudis</i> agrees with <i>L. (Emoia) cyanogaster</i> (Lesson) (Boulenger, 1887, p. 292)					
	<i>Euprepis submetallicus</i> Macleay, 1877. 2: 69	<i>Emoia baudinii pallidiceps</i> Vis.	Type series 3, fair condition	Hall Sound, New Guinea *	R75-77, MR518-520	
	Notes: Boulenger (1887, p. 209) refers this species (as <i>Euprepis metallicus</i> ) to the genus <i>Lygosoma</i> only. From Boulenger's key and descriptions, it is identified as <i>Lygosoma (Emoia) baudinii</i> (Dumeril and Bibron) (p. 296). Loveridge (1948, p. 370) gives a key to the subspecies of <i>Emoia baudinii</i> from which Macleay's specimen is classified as <i>Emoia baudinii pallidiceps</i> Vis.					
	<i>Eumeces brunneus</i> Macleay, 1877. 2: 66	<i>Riopa rufescens</i> (Shaw) Boulenger, 1887. Cat. Liz. Brit. Mus., 3: 303	Type series 3, 2 in good condition, 1 in fair condition	Darnley Island, Torres Straits *	R94-96, MR242-244	
	<i>Mabouia unifornis</i> Macleay, 1877. 2: 65	<i>Riopa rufescens</i> (Shaw) Boulenger, 1887. Cat. Liz. Brit. Mus., 3: 303	Type 1, good condition sub-adult	Cocoa nut Island, Torres Straits *	R100, MR513	
	<i>Heteropus variegatus</i> Macleay, 1877. 2: 66	<i>Leiopisma fuscum variegatum</i> (Macleay) Mitchell, 1953. Rec. S.A. Mus., 11: 78	Cotypes 3, fair condition	Darnley Island, Torres Straits *	R103-105, MR389-391	
	Notes: Boulenger (1887, p. 382) synonymized five of Macleay's species, viz. <i>Heteropus longipes</i> , <i>H. scindentatus</i> , <i>H. variegatus</i> , <i>H. cheverti</i> and <i>H. quinquecarinatus</i> , into <i>Lygosoma (Leiopisma) fuscum</i> (Dumeril and Bibron). Loveridge (1948, pp. 361-365) divides this species into several subspecies without reference to Macleay's specimens, but from his key the first two species of Macleay fit into <i>Lygosoma (Leiopisma) fuscum</i> (Dumeril and Bibron), and the last three into <i>Lygosoma (Leiopisma) fuscum luctuosum</i> (Peters and Doria). The group was revised by Mitchell (1953) and his examination of Macleay's material verified these two subspecies, but since Macleay's material has priority over that of Peters and Doria, the second subspecies was changed to <i>Leiopisma fuscum variegatum</i> (Macleay), and MR390 was selected as the lectotype.					
	<i>Heteropus quinquecarinatus</i> Macleay, 1877. 2: 67	<i>Leiopisma fuscum variegatum</i> (Macleay) Mitchell, 1953. Rec. S.A. Mus., 11: 78	Type series 5, good condition	Darnley Island, Torres Straits *	R98, MR422-426	
	<i>Heteropus cheverti</i> Macleay, 1877. 2: 67	<i>Leiopisma fuscum variegatum</i> (Macleay) Mitchell, 1953. Rec. S.A. Mus., 11: 78	Type series 2, good condition	Barrow Island, Australia *	R112-113, MR384-385	



Family	Name under which Described and Reference Proc. Linn. Soc. N.S.W.	Present Names and Reference	Type of Type, No. and Condition	Locality	M.M. Reg. No.
Scincidae	<i>Heteropus longipes</i> Macleay, 1877. 2: 66	<i>Leiolopisma fuscum fuscum</i> (Dumeril and Bibron) Mitchell, 1953. Rec. S.A. Mus., 11: 77	Type 1, good condition	Endeavour River, N. Queensland *	R101, MR427
	<i>Heteropus scindentatus</i> Macleay, 1877. 2: 67	<i>Leiolopisma fuscum fuscum</i> (Dumeril and Bibron) Mitchell, 1953. Rec. S.A. Mus., 11: 77	Type series 3, good condition	Cape Grenville, N. Queensland *	R78-80, MR462-464
Agamidae	<i>Lophognathus lateralis</i> Macleay, 1877. 2: 103	<i>Physignathus temporalis</i> (Gunther)	Type 1, good condition	Katow (Binaturi River), New Guinea *	R362, MR723
	<i>Notes</i> : Boulenger (1885, p. 395) ascribes this species only to the genus <i>Physignathus</i> . On examination, the specimens agreed with Boulenger's key and description of <i>Physignathus temporalis</i> , with the exception of Macleay's specimen having only one femoral and one preanal pore on each side, whereas <i>P. temporalis</i> is described with two of each per side				
	<i>Tiaris papuensis</i> Macleay, 1877. 2: 101	<i>Gonycephalus papuensis</i> (Macleay) Boulenger, 1885. Cat. Liz. Brit. Mus., 1: 297	Type 1, good condition	Hall Sound, New Guinea *	R335, MR833
	<i>Tiaris boydii</i> Macleay, 1883. 8: 432	<i>Gonycephalus boydii</i> (Macleay) Boulenger, 1885. Cat. Liz. Brit. Mus., 1: 297	Type series 2, good condition	Herbert River, N. Queensland	R366-367, MR1003-1004
	<i>Notes</i> : Collected J. A. Boyd				
Typhlopidae	<i>Typhlops batillus</i> Waite, 1884. 9: 9	<i>Typhlops batillus</i> Waite	Type 1, good condition	Wagga Wagga, New South Wales	R669
Boidae	<i>Nardoia crassa</i> Macleay, 1885. 10: 66	<i>Liasis fuscus</i> Peters Boulenger, 1893. Cat. Snakes Brit. Mus., 1: 78	Type 1, good condition	Herbert River, N. Queensland	R877
	<i>Notes</i> : Collected J. A. Boyd, 1885				
Colubridae	<i>Pappophis flavigastra</i> Macleay 1877. 2: 39	<i>Boiga irregularis irregularis</i> (Merrem) Loveridge, 1938. Bull. Mus. Comp. Zool., 101: 387	Type 1, fair condition	Katow (Binaturi River), New Guinea *	R982

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Colubridae	<i>Pappaphis lateiceps</i> Macleay, 1877. 2: 39	<i>Boiga irregularis irregularis</i> (Merron) Loveridge, 1948. Bull. Mus. Comp. Zool., 101: 387	Type series 4, fair condition	Hall Sound, New Guinea *	R936-39
	<i>Dipsas boydii</i> Macleay, 1884. 9: 548	<i>Boiga fusca</i> (Gray) Loveridge, 1934. Bull. Mus. Comp. Zool., 77: 274	Type 1, good condition	Herbert River, N. Queensland land	R927
	<i>Dipsas ornata</i> Macleay, 1888. 3: 416	<i>Boiga fusca</i> (Gray) Kinghorn, 1929. Rec. Aust. Mus., 17: 84	Type 1, fair condition	King Sound, N.W. Australia	R926
	<i>Notes</i> : Kinghorn synonymized <i>D. ornata</i> with <i>B. fusca</i> and states that the type has 19 midbody scale rows, not 15 as described in the original note by Macleay				
	<i>Lycodon darnleyensis</i> Macleay, 1877. 2: 38	<i>Stegonotus cucullatus</i> (Dumeril and Bibron) Boulenger, 1893. Cat. Snakes Brit. Mus., 1: 365	Type 1, good condition	Darnley Island, Torres Strait *	R586
	<i>Notes</i> : Boulenger lists this species as a ? synonym of <i>Stegonotus cucullatus</i> . On examination, the type specimen fits the description of this species				
	<i>Herbertophis plumbeus</i> Macleay, 1883. 8: 434	<i>Stegonotus plumbeus</i> (Macleay) Boulenger, 1893. Cat. Snakes Brit. Mus., 1: 368	Type 1, good condition	Herbert River, N. Queensland land	R981, MR1245
	<i>Notes</i> : Collected J. A. Boyd. On the basis of this specimen, Macleay erected a new genus, but use of the key in Boulenger confirms the decision to synonymize it with <i>Stegonotus</i> . Although the specimen is superficially similar to <i>S. modestus</i> , it appears to warrant separate species identification				
	<i>Mainophis robusta</i> Macleay, 1877. 2: 36	<i>Brachyorrhus albus</i> (Linné) Boulenger, 1893. Cat. Snakes Brit. Mus., 1: 305	Type series 2, good condition	Katow (BinatURI River), New Guinea *	R615-16
	<i>Katophis plumbea</i> Macleay, 1877. 2: 36	<i>Tropidonotus picturatus</i> Schlegel Boulenger, 1893. Cat. Snakes Brit. Mus., 1: 215	Type series 4, good condition	Katow (BinatURI River), New Guinea *	R618-21
	<i>Tropidonotus angusticeps</i> Macleay, 1883. 8: 433	<i>Tropidonotus picturatus</i> Schlegel Boulenger, 1893. Cat. Snakes Brit. Mus., 1: 215	Type 1, fair condition	Herbert River, N. Queensland land	R591
	<i>Notes</i> : Boulenger lists this as a possible synonym. Use of his key confirms this				



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Colubridae	<i>Fordonia papuensis</i> Macleay, 1877. 2: 35	<i>Fordonia leucobalia</i> (Schlegel) Boulenger, 1896. Snakes Brit. Mus., 3: 21	Type series 3, good condition	Katow (Binaturi River), New Guinea *	R912-14
	<i>Notes</i> : Boulenger (1896, p. 23) suggests that <i>F. papuensis</i> , with 22 midbody scale rows, may be based on an aberrant specimen, and Le thus synonymizes this species with <i>Fordonia leucobalia</i> . Re-examination of all the specimens in the type series shows that they have 25-33 midbody scale rows and not 22 as stated in Macleay's description. Thus the synonymy with <i>F. leucobalia</i> , as suggested by Boulenger, is verified				
	<i>Dendrophis bilorealis</i> Macleay, 1883. 8: 435	<i>Dendrophis punctulatus</i> (Gray) Boulenger, 1896. Cat. Snakes Brit. Mus., 3: 629	Type series Topotype series 5, good condition	Herbert River Herbert River, N. Queensland	R561-2 R557-9
	<i>Notes</i> : Boulenger synonymizes this species with <i>Dendrophis punctulatus</i> and lists this species as a colour variant along with <i>D. gracilis</i>				
	<i>Dendrophis gracilis</i> , Macleay, 1875. 1: 15	<i>Dendrophis punctulatus</i> (Gray) Boulenger, 1894. Cat. Snakes Brit. Mus., 2: 82	Type series 3, excellent condition	Townsville, N. Queensland	R569-71
	<i>Notes</i> : Collected by Mr. Spalding				
	<i>Dendrophis breviceps</i> Macleay, 1877. 2: 37	<i>Dendrophis lineolatus</i> Hombron and Jacquinet Boulenger, Cat. Snakes Brit. Mus., 2: 85	Type series 3, good condition	Katow (Binaturi River), New Guinea *	R581-3
	<i>Notes</i> : Boulenger lists this species as a ? synonym of <i>Dendrophis lineolatus</i> . Examination of the specimen confirms this				
	<i>Dendrophis darnleyensis</i> Macleay, 1877. 2: 37	<i>Dendrophis calligaster</i> Gunther Boulenger, 1894. Cat. Snakes Brit. Mus., 2: 80	Type 2 series, excellent condition	Darnley Island, Torres Straits *	R565-6
	<i>Dendrophis katowensis</i> Macleay, 1877. 2: 37	<i>Dendrophis calligaster</i> Gunther Boulenger, 1894. Cat. Snakes Brit. Mus., 2: 80	Type series	Katow (Binaturi River), New Guinea *	R563-4, MR563-4

Family	Name under which Described and Reference Proc. Linn. Soc. N.S.W.	Present Names and Reference	Type of Type, No. and Condition	Locality	M.M. Reg. No.
Elapidae	<i>Elapocephalus ornataiceps</i> Macleay, 1877. 2: 221	<i>Demansia psammophis</i> (Schlegel) Kinghorn, 1941	Type 1, good condition Juvenile	Port Darwin, Northern Territory	R705 MR1305
	<i>Diemenia papuensis</i> Macleay, 1877. 2: 40	<i>Demansia psammophis papuensis</i> (Macleay) Loveridge, 1934. Bull. Mus. Comp. Zool., 77: 277	Type 1, good condition	Hall Sound, New Guinea*	R713
	Notes: Boulenger (1896, p. 322) synonymized this species with <i>Demansia psammophis</i> , whilst Loveridge suggested that <i>Demansia psammophis papuensis</i> is a geographical race				
	<i>Diemenia atra</i> Macleay, 1884. 9: 549	<i>Demansia psammophis olivacea</i> (Gray) Loveridge, 1934. Bull. Mus. Comp. Zool., 77: 277	Type 1, good condition	Herbert River, N. Queensland	R708
	Notes: Boulenger (1896, p. 323) notes that <i>D. atra</i> is probably a melanotic specimen of <i>D. olivacea</i> . Loveridge recognizes this synonymy and reduces <i>olivacea</i> to subspecific rank, as <i>D. psammophis olivacea</i>				
	<i>Diemenia angusticeps</i> Macleay, 1888. 3: 417	<i>Demansia psammophis olivacea</i> (Gray) Loveridge, 1934. Bull. Mus. Comp. Zool., 77: 277	Type 1, fair condition	King's Sound, N.W. Australia	R712
	Notes: Boulenger (1896, p. 323) synonymized <i>D. angusticeps</i> with <i>D. olivacea</i> , which was reduced to subspecific rank in <i>D. psammophis</i> by Loveridge				
	<i>Hoplocephalus brankynsi</i> Macleay, 1878. 3: 52	<i>Australaps superba</i> (Günther) Worrell, 1963. Aust. Rec. Park Rec., 1	Type	Moss Vale, New South Wales	R541, MR1362
	Notes: Collected C. S. Bramsky. Boulenger (1896, p. 343) synonymized this species with <i>Denisonia superba</i> but Worrell erected a new genus <i>Australaps</i> and discussed reasons for removing it from <i>Demansia</i>				
	<i>Hoplocephalus assimilis</i> Macleay, 1885. 10: 68	<i>Crytophis nigrescens</i> (Günther) Worrell, 1961. W. Aust. Nat., 8: 26	Type 3, good condition	Herbert River, N. Queensland	R507-9
	Notes: Collected J. A. Boyd. Boulenger (1896, p. 343) synonymized this species with <i>Denisonia nigrescens</i> but Worrell erected a new genus and discussed its relationship to <i>Demansia</i>				

Family	Name under which Described and Reference Proc. Linn. Soc. N.S.W.	Present Names and Reference	Type of Type, No. and Condition	Locality	M.M. Reg. No.
Elapidae	<i>Hoplocephalus carpentariae</i> Macleay, 1877. 2: 403	<i>Unechis carpentariae</i> (Macleay) Worrall, 1961. W. Aust. Nat., 8: 25	Type 1, fair condition	Normanton, Gulf of Carpentaria	R505 MRI317
	<i>Notes</i> : Collected Dr. Cox, 1887. Worrall erected a new genus <i>Unechis</i> to accommodate it, and discussed his reasons for removing it from <i>Denisonia</i> . It should be noted that the type specimen differs from Macleay's description in having 19 scale rows and not 15 as is usually stated (e.g. Loveridge, 1934, p. 289)				
	<i>Pseudechis darwinensis</i> Macleay, 1877. 2: 220	<i>Pseudechis australis</i> (Gray) Thomson, 1930. Aust. J. Exp. Biol. & Med. Sci., 7: 125	Type 1, good condition	Port Darwin, Northern Australia	R649
	<i>Notes</i> : Collected Mr. Spalding <i>Brachysoma simile</i> Macleay, 1877. 2: 221	<i>Pseudechaps diadema</i> (Schlegel) Boulenger, 1896. Cat. Snakes Brit. Mus., 3: 319	Type series 4, fair condition	Port Darwin, Northern Australia	R664-7, MRI421-4
	<i>Notes</i> : Collected Mr. Spalding				
	<i>Acanthophis laevis</i> Macleay, 1877. 2: 40	<i>Acanthophis antarcticus antarcticus</i> (Shaw) Boulenger, 1896. Cat. Snakes Brit. Mus., 3: 355	Type 1, good condition	Katow (Binaturi River), New Guinea*	R693



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